IP/Networking

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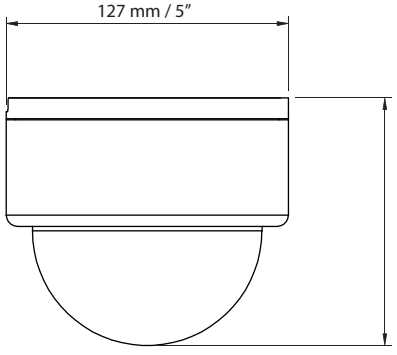
EDN850H

Super Low Lux with True Day/Night Network Outdoor Vandal Color Dome

Features

- H.264/MPEG-4/MJPEG digital signal output with up to 30FPS at full D1
- H.264/MPEG4/MJPEG output for simultaneous live monitoring and high resolution recording
- Supports 4 independent video streams that can provide different compression formats and resolutions
- Power over Ethernet (PoE) IEEE 802.3af
- Built-in NeVio Express setup management software for viewing and recording at up to 16 cameras with pre-defined screen views and site address book
- BNC test monitor output for the convenience of quick focus and diagnostics right at the camera site
- Built-in Dynamic Noise Reduction (DNR) for noise reduction and a 70% saving of disk storage
- Super high sensitivity of 0.002 Lux/F=1.2 is achieved by setting SENS-UP Shutter x128
- Bandwidth control:64K/128K/256K/1M/2M/4M/8M bps
- Built-in 10Base-T/100Base-TX for remote monitoring via PC
- Supports MDI/MDI-X auto crossover function
- Smart Wizard settings for various Event & schedule recordings
- Built-in SD memory card slot for local storage (supports SDHC)
- Built-in vari-focal 2.8~10mm lens
- PSIA & ONVIF compliant
- Vandal & weather resistant (IP66 rated)

Dimensions



(Unit: mm/inch)

Specifications

CAMERA	
Pickup Device	1/3" Sony Super HAD Interlaced CCD
Pixel Effective	NTSC: 768 (H) x 494 (V) / PAL: 752 (H) x 582 (V)
Sensitivity	0.002 Lux/F=1.2 (SENS-UP x128), 0.25 Lux/F=1.2
Day/Night	True Day/Night with IR cut filter
Lens	Vari-focal with auto iris 2.8~10 mm lens
Video Output	BNC socket, composite 1.0Vp-p / 75 ohm
Video Resolution	560 TVL
VIDEO STREAMING	
Video Compression	H.264/MPEG4/MJPEG
Video Resolution	D1, VGA, CIF, QVGA, QCIF - NTSC: 720x480, 640x480, 352x240, 320x240, 176x144, PAL: 720x576, 640x480, 352x288, 320x240, 176x144
Video Quality	8 levels adjustable
Frame Rate	Up to 30 FPS at full D1
NETWORK	
Interface	10Base-T/100Base-TX auto-negotiation, RJ-45 socket. Supports MDI/MDI-X auto cross function
Supported Protocols	HTTP, TCP / IP, FTP, SMTP, DHCP, DNS, DDNS, NTP
Bandwidth Control	Min. 64 k bit per sec. adjustable
Max. Client Limit	32 clients simultaneously
Power Over Ethernet	Yes (PoE 802.3af)
TERMINAL I/O	
Alarm Input	1 input for dry contact, N.O/N.C adjustable
Alarm Output	1 dry relay contact, N.O/N.C adjustable
Power Output	70 VDC/200 mA max.
AUDIO	
Audio In/Out	3.5mm stereo socket, sensitivity 1 Vrms
Compression	Method IMA ADPCM (Pulse Code Modulation)
Operation Mode	Two-way audio
EVENT MANAGEMENT	
Event Trigger	Alarm Input, Manual Trigger, Motion Detection and Schedule Recording
Notification	Trigger alarm output, email notification, upload video to FTP, record video to SD card, record video to PC and network alarm
Pre/Post Alarm Buffer	48MB RAM reserved for pre-alarm (record up to 120 sec.)
LOCAL STORAGE	
SD Card	SD card interface for local storage. Supports SDHC
POWER	
Power Supply	12VDC & PoE
Power Consumption	5W max. (12VDC)
PHYSICAL	
Weight	550 g / 1.2 lbs
Dimension (W x H)	127 x 112.8 mm / 5" x 4.4"
ENVIRONMENTAL	
Operating Temp.	0°C ~ 40°C / 32°F ~ 104°F
Humidity	< 90% not condensing
Rating	Weather resistant IP66 rated

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

EZN850

Super Low Lux with True Day/Night Network Weather Resistant IR Bullet Camera

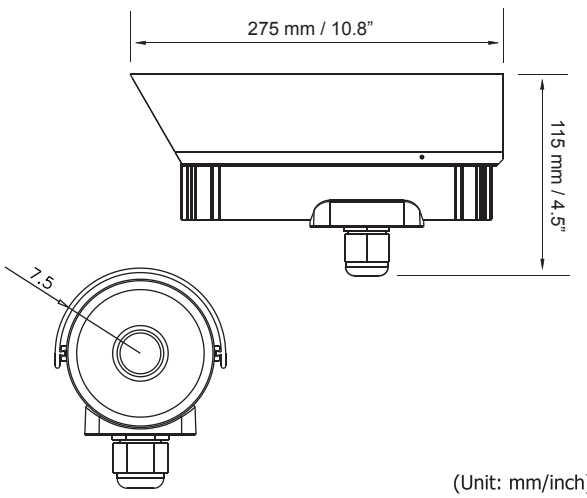
H.264/ MPEG4/ MJPEG | Smart Event Wizard | FTP/SMTP Client Support | True D/N | 4 Stream | Cable Management Solution

Web Viewer | Two-Way Audio | Motion Detection | IP66 Weather Resistant | Outdoor | Heater

Features

- H.264/MPEG4/MJPEG digital signal w/up to 30 FPS at full D1
- H.264/MPEG4/MJPEG streaming for simultaneous live monitoring and high resolution recording
- Low sensitivity 0.002 Lux/F=1.2 (SENS-UP x128)
- True Day/Night with IR cut filter
- Built-in motorized lens controller for 6~50mm lens zoom & focus (lens control also available via web browser)
- Cable Management Solution: cable wires can be placed inside camera housing and bracket for IP66 feature and prevents wire damage
- IR distance up to 50 M/164 ft. with vari-frequency IR control
- Built-in NeVio Express setup management software for viewing and recording at up to 16 cameras with pre-defined screen views and site address book
- BNC test monitor output for the convenience of quick focus and diagnostics right at the camera site
- Smart Wizard settings for various event & schedule recording
- Built-in SD memory card slot for local storage
- PSIA & ONVIF compliant
- Supports SD High Capacity (SDHC)
- Motion detection and privacy area function
- Built-in heater and IP66 to endure all weather conditions

Dimensions



(Unit: mm/inch)

Specifications

CAMERA	
Pickup Device	1/3" Sony Super HAD Interlaced CCD
Pixel Effective	NTSC: 768 (H) x 494 (V) / PAL: 752 (H) x 582 (V)
Sensitivity	0.002 Lux/F=1.2 (SENS-UP x128), 0 Lux (IR On)
Day/Night	True Day/Night with IR cut filter
Lens	Vari-focal 6~50mm lens (9x optical zoom)
Video Output	BNC socket, composite 1.0 Vp-p / 75 ohm
Video Resolution	560 TVL
IR Distance	50 meters / 164 feet
IR Wavelength	850nm
IR LED Lifespan	Up to 20,000 hours
VIDEO STREAMING	
Video Compression	H.264/MPEG4/MJPEG
Video Resolution	D1, VGA, CIF, QVGA, QCIF: NTSC: 720x480, 640x480, 352x240, 320x240, 176x144, PAL: 720x576, 640x480, 352x288, 320x240, 176x144
Video Quality	8 levels adjustable
Frame Rate	Up to 30 FPS at full D1
NETWORK	
Interface	10Base-T/100Base-TX auto-negotiation, RJ-45 socket. Supports MDI/MDI-X auto cross function
Supported Protocols	HTTP, TCP / IP, FTP, SMTP, DHCP, DNS, DDNS, NTP
Bandwidth Control	Min. 64 k bit per sec. adjustable
Max. Client Limit	32 clients simultaneously
TERMINAL I/O	
RS-485	RS-485 interface half duplex
Alarm Input/Output	1/1
Power Output	12VDC
EVENT MANAGEMENT	
Event Trigger	Alarm Input, Manual Trigger, Motion Detection and Schedule Recording
Notification	Trigger alarm output, email notification, upload video to FTP, record video to SD card, record video to PC and network alarm
Pre/Post Alarm Buffer	48 MB RAM reserved for pre-alarm (record up to 120 sec.)
LOCAL STORAGE	
SD Card	SD card interface for optional storage. Supports SDHC
POWER	
Power Supply	24VAC
Power Consumption	28 W max.
PHYSICAL	
Weight	2.5 kg/5.5 lbs (w/out bracket), 3 kg /6.6 lbs (w/bracket)
Dimensions (W x H)	295 x 115 mm / 11.8” x 4.5”
ENVIRONMENTAL	
Operating Temp.	-40°C ~ 50°C / -40°F ~ 122°F
Humidity	< 90% not condensing
Weather Resistant	IP66 Rated

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

EAN850A

Super Low Lux with True Day/Night Network Box Style Color Camera

PSIA | ONVIF

neVio Series

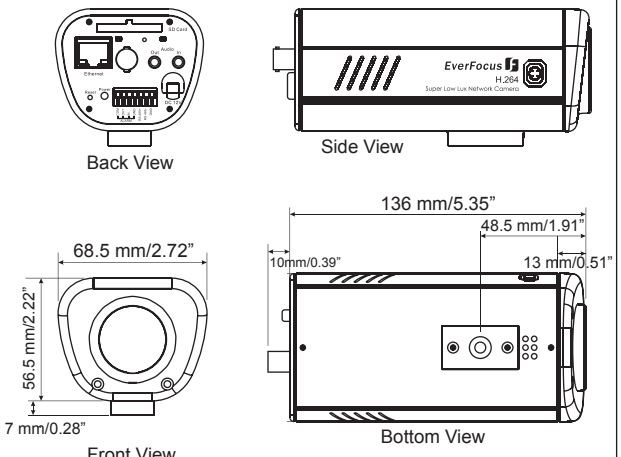
H.264/ MPEG4/ MJPEG | Smart Event Wizard | FTP/SMTP Client Support | True D/N | 4 Stream | RoHS

Web Viewer | Two-Way Audio | Motion Detection | POE | CE | FCC Federal Communication Commission U.S.A.

Features

- H.264/MPEG-4/MJPEG digital signal output with up to 30FPS at full D1
- H.264/MPEG4/MJPEG output for simultaneous live monitoring and high resolution recording
- Supports 4 independent video streams that can provide different compression formats and resolutions
- Power over Ethernet (PoE) IEEE 802.3af
- Built-in NeVio Express setup management software for viewing and recording at up to 16 cameras with pre-defined screen views and site address book
- BNC test monitor output for the convenience of quick focus and diagnostics right at the camera site
- Built-in Dynamic Noise Reduction (DNR) for noise reduction and a 70% saving of disk storage
- Super high sensitivity of 0.002 Lux/F=1.2 is achieved by setting SENS-UP Shutter x128
- Bandwidth control:64K/128K/256K/1M/2M/4M/8M bps
- Built-in 10Base-T/100Base-TX for remote monitoring via PC
- Supports MDI/MDI-X auto crossover function
- Smart Wizard settings for various Event & schedule recordings
- Built-in SD memory card slot for local storage (supports SDHC)
- PSIA & ONVIF compliant
- Built-in digital zoom function
- Two-way audio

Dimensions



Specifications

CAMERA	
Pickup Device	1/3" Sony Super HAD Interlaced CCD
Pixel Effective	NTSC: 768 (H) x 494 (V) / PAL: 752 (H) x 582 (V)
Sensitivity	0.002 Lux/F=1.2 (SENS-UP x128), 0.25 Lux/F=1.2
True Day/Night	Yes with IR cut filter
Lens	C/CS mount, manual/DD control supported
Video Output	BNC socket, composite 1.0Vp-p / 75 ohm
Video Resolution	560 TVL
VIDEO STREAMING	
Video Compression	H.264/MPEG4/MJPEG
Video Resolution	D1, VGA, CIF, QVGA, QCIF - NTSC: 720x480, 640x480, 352x240, 320x240, 176x144, PAL: 720x576, 640x480, 352x288, 320x240, 176x144
Video Quality	8 levels adjustable
Frame Rate	Up to 30 FPS at full D1
NETWORK	
Interface	10Base-T/100Base-TX auto-negotiation, RJ-45 socket. Support MDI/MDI-X auto cross function
Supported Protocols	HTTP, TCP / IP, FTP, SMTP, DHCP, DNS, DDNS, NTP
Bandwidth Control	Min. 64 k bit per sec. adjustable
Max. Client Limit	32 clients simultaneously
Power Over Ethernet	Yes (PoE 802.3af)
TERMINAL I/O	
Alarm Input/Output	1/1
RS-485	RS-485 interface half-duplex
AUDIO	
Microphone	Built-in
Operation Mode	Two-way audio
EVENT MANAGEMENT	
Event Trigger	Alarm Input, Manual Trigger, Motion Detection and Schedule Recording
Notification	Trigger alarm output, email notification, upload video to FTP, record video to SD card, record video to PC and network alarm
Pre/Post Alarm Buffer	48MB RAM reserved for pre-alarm (record up to 120 sec.)
LOCAL STORAGE	
SD Card	SD card interface for local storage. Supports SDHC
POWER	
Power Supply	12VDC & PoE
Power Consumption	5W max. (12VDC)
PHYSICAL	
Weight	550 g / 1.2 lbs
Dimensions (L x W x H)	136 x 68.5 x 56.5 mm / 5.35" x 2.72" x 2.22"
ENVIRONMENTAL	
Operating Temp.	0°C ~ 40°C / 32°F ~ 104°F
Humidity	< 90% not condensing

Ordering Information

- **EAN850A**: Network Box Camera, True Day/Night, 560 TVL, H.264/MPEG4/MJPEG Lens Sold Separately

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

EDN800

Day/Night Network Vandal Color Dome Camera

neVio Series

PSIA | ONVIF

RoHS

CE FC FEDERAL COMMUNICATION COMMISSION U.S.A.

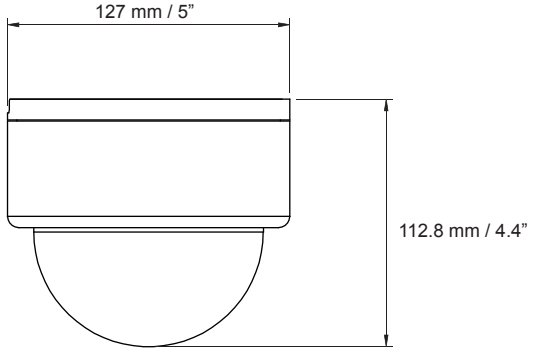
H.264/ MPEG4/ MJPEG | Smart Event Wizard | FTP/SMTP Client Support | Day/Night | 4 Stream

POE | Web Viewer | Two-Way Audio | Motion Detection | Vandal Resistant

Features

- H.264, MPEG4 and MJPEG digital signal with up to 30 FPS at full D1
- H.264/MPEG4/MJPEG streaming for simultaneous live monitoring and high resolution recording
- Supports 4 independent video streams to provide different compression formats and resolutions
- Day/Night for 24 hour monitoring with high sensitivity of 0.4 Lux/F=1.2
- Manual Pan/Tilt mechanism for easy lens adjustment
- Power over Ethernet (PoE) IEEE 802.3af
- Supports MDI/MDI-X auto crossover function
- Bandwidth control: 64K/128K/256K/1M/2M/4M/8M bps
- Built-in NeVio Express setup management software for viewing and recording at up to 16 cameras w/pre-defined screen views and site address book
- BNC test monitor output for the convenience of quick focus and diagnostics right at the camera site
- Built-in 10Base-T/100Base-TX network for remote monitoring via PC
- Smart Wizard settings for various event & schedule recording
- Built-in SD memory card slot for local storage
- Supports SD High Capacity (SDHC)
- Built-in digital motion detection and digital zoom function
- Vandal resistant to withstand intentional damage
- PSIA & ONVIF compliant

Dimensions



(Unit: mm/inch)

Specifications

CAMERA	
Pickup Device	1/3" Sony Super HAD Interlaced CCD
Pixel Effective	NTSC: 768 (H) x 494 (V) / PAL: 752 (H) x 582 (V)
Sensitivity	0.4 Lux/F=1.2
Day/Night	Yes
Lens	Vari-focal 3.7mm~12mm lens
Video Output	BNC socket, composite 1 Vp-p / 75 ohm
Video Resolution	520 TVL
VIDEO STREAMING	
Video Compression	H.264/MPEG4/MJPEG
Video Resolution	D1, VGA, CIF, QVGA, QCIF - NTSC: 720x480, 640x480, 352x240, 320x240, 176x144, PAL: 720x576, 640x480, 352x288, 320x240, 176x144
Video Quality	8 levels adjustable
Frame Rate	Up to 30 FPS at full D1
NETWORK	
Interface	10Base-T/100Base-TX auto-negotiation, RJ-45 socket. Supports MDI/MDI-X auto cross function
Supported Protocols	HTTP, TCP / IP, FTP, SMTP, DHCP, DNS, DDNS, NTP
Bandwidth Control	Min. 64 k bit per sec. adjustable
Max. Client Limit	32 clients simultaneously
Power Over Ethernet	Yes (PoE 802.3af)
TERMINAL I/O	
Alarm Input/Output	1/1
EVENT MANAGEMENT	
Event Trigger	Alarm Input, Manual Trigger, Motion Detection and Schedule Recording
Notification	Trigger alarm output, email notification, upload video to FTP, record video to SD card, record video to PC and network alarm
Pre/Post Alarm Buffer	48 MB RAM reserved for pre-alarm (record up to 120 sec.)
LOCAL STORAGE	
SD Card	SD card interface for local storage. Supports SDHC
POWER	
Power Supply	12VDC & PoE
Power Consumption	5W max. (12VDC)
PHYSICAL	
Weight	550 g / 1.2 lbs
Dimension (W x H)	127 x 112.8 mm / 5” x 4.4”
ENVIRONMENTAL	
Operating Temp.	0°C ~ 40°C / 32°F ~ 104°F
Humidity	< 90% not condensing
Vandal Resistant	Yes

Ordering Information

- **EDN800:** Network Vandal Dome, Day/Night, 3.7~12mm Lens

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

EAN800A/AW

Day/Night Advanced Network Box Style Color Camera with WIFI Option

PSIA | ONVIF

neVio Series

H.264/ MPEG4/ MJPEG | Smart Event Wizard | FTP/SMTP Client Support | Day/Night | 4 Stream

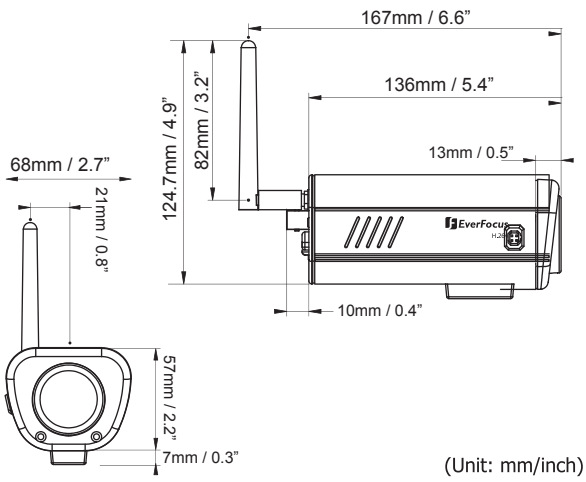
Web Viewer | Two-Way Audio | Motion Detection | POE

EAN850AW (with WIFI)

Features

- H.264/MPEG4/MJPEG digital signal output with up to 30 FPS at 704x480
- Supports H.264/MPEG4/MJPEG triple stream for simultaneous live monitoring and high resolution recording
- 12VDC & PoE dual power
- Power over Ethernet (PoE) IEEE 802.3af
- Built-in NeVio Express setup management software for viewing and recording at up to 16 cameras with pre-defined screen views and site address book
- BNC test monitor output for the convenience of quick focus and diagnostics right at the camera site
- Supports MDI/MDI-X auto crossover function
- Smart Event Wizard for motion detection, schedule and alarm recording to PC or SD card
- Email notification or FTP video upload upon motion detection and/or alarm
- Built-in SD memory card slot for local storage and supports SDHC
- Manage AGC, BLC, FL, ES, H-Mirros, IRIS Level and Day/Night through web browser
- Two-way audio
- Built-in IEEE 802.1 1b/g for WLAN (EAN800AW only)
- PSIA & ONVIF compliant

Dimensions



(Unit: mm/inch)

Specifications

CAMERA	
Pickup Device	1/3" Sony Super HAD Interlaced CCD
Pixel Effective	NTSC: 768 (H) x 494 (V) / PAL: 752 (H) x 582 (V)
Sensitivity	0.4 Lux / F=1.2
Day/Night	Yes
Lens	Optional C/CS mount, manual / DD control supported
Video Output	BNC socket, composite 1 V p-p / 75
Video Output Resolution	520 TVL
VIDEO STREAMING	
Video Compression	H.264/MPEG-4/M-JPEG
Video Resolution	4CIF, VGA, CIF, QVGA, QCIF
Video Quality	8 levels (adjustable)
Frame Rate	Up to 30 FPS
AUDIO	
Microphone	Built-in
Operation Mode	Two-way audio
NETWORK	
Interface	10Base-T/100Base-TX auto-negotiation, RJ-45 socket Support MDI/MDI-X auto crossover function
Supported Protocols	Built-in IEEE 802.11b/g WLAN (EAN800AW) HTTP, TCP / IP, UDP, RTP, RTSP, FTP, SMTP, DHCP, DNS, DDNS, NTP
Bandwidth Control	Min. 64 kbps adjustable
Client Limit	32 clients simultaneously (max.)
TERMINAL I/O	
Alarm Input/Output	1/1
RS-485	RS-485 interface half-duplex
EVENT MANAGEMENT	
Event Trigger	Alarm Input, Manual Trigger, Motion Detection and Schedule Recording
Notification	Trigger alarm output, Send mail notification, Upload video to FTP, Record video to SD card, Record video to PC and Network alarm
Pre/Post Alarm Buffer	48MB RAM reserved for pre-alarm record up to 120 sec.
LOCAL STORAGE	
SD Card	Secure Disk physical layer specification version 2.0 Supports SDHC Host Specification
POWER	
Power Supply	12 VDC & PoE
Power over Ethernet	Yes (PoE 802.3af 48VDC)
Power Consumption	EAN800A: 5W max. (12VDC) EAN800AW: 6.5W max. (12VDC)
PHYSICAL	
Weight	550g / 1.102 lbs.
Dimensions (L x W x H)	146 x 68.5 x 56.5 mm / 5.7" x 2.72" x 2.22" (w/BNC socket) 167 x 68.5 x 125 mm / 6.6" x 2.7" x 4.9" (w/antenna)
ENVIRONMENTAL	
Operating Temp.	0°C ~ 40°C / 32°F ~ 104°F
Humidity	< 90% not condensing

Ordering Information

- **EAN800A:** NeVio Series Day/Night Network Box Style Camera
- **EAN800AW:** NeVio Series Day/Night Network Box Style Camera, WIFI

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

EPN3600

H.264 Network PTZ Speed Dome with Wide Dynamic & Auto Tracking

Shown w/EPTZ-WMB
Wall Mount Bracket *

Shown w/EPTZ-CMB
Concrete Ceiling
Mount Adaptor *

nevio Series

PSIA | ONVIF

H.264/ MPEG4/ MJPEG | Day/Night | 3 Stream | Outdoor | Auto Flip

Web Viewer | Cooling Fan | Slow Shutter | Auto Tracking | IP66 Weather Resistant

Features

- Supports smart auto tracking functions
- Triple stream H.264/MPEG-4/MJPEG digital signal output with up to 30FPS at full D1 resolution (704x480)
- H.264/MPEG4/MJPEG output for simultaneous live monitoring and high resolution recording
- Support 4 independent video streams that can provide different compression formats and resolutions
- Supports MDI/MDI-X auto crossover function
- Bandwidth control: 64k/128k/256k/1M/2M/4M/8M bps and unlimited
- Built-in network interface (10Base-T/100Base-TX) for remote monitoring by PC
- Smart Wizard settings for various event and schedule recording conditions
- "Snap & lock" easy installation
- True Day/Night function with removable IR cut filter
- Low luminance for improved image quality at night
- Wide Dynamic Range (WDR)
- Digital Slow Shutter (DSS)
- Motion Detection (4 zones)
- Privacy Zone Masking (8 zones)
- Excellent position accuracy to ± 0.1°
- Weather resistant IP66 rated to endure all weather conditions
- Maximum 192 preset positions available
- Supports directional virtual compass for easy operation. Users can select any reference direction as North Point
- Programmable auto panning, 16 tours, 4 patterns
- Smart alarm reaction & resume after alarm
- Enhanced auto-resume & power-up function
- Digital Flip function
- PSIA & ONVIF compliant

** All mounting brackets are sold separately*

Ordering Information

- **EPN3600:** H.264 Network PTZ Speed Dome, 36x Optical Zoom 530 TVL, Auto Tracking

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

Specifications

CAMERA	
Pickup Device	1/4" Sony Ex-View HAD CCD
Video Format	NTSC or PAL
Scanning System	NTSC: 525 TVL, 60 fields/sec (PAL: 625 TVL, 50 fields/sec)
Picture Elements	768x494 (NTSC), 752x582 (PAL)
Horizontal Resolution	530 TVL
Min. Illumination	Normal: 1.4 Lux, 1/60 (1/50) sec. Night Mode: 0.01 Lux, 1/4 (1/3) sec. ICR On
S/N Ratio	1~1/10,000 (s)
Digital Slow Shutter	60x (50x for PAL)
Shutter Selection	AUTO/A.FLK/MANUAL 1~10,000 selectable
Lens Type	36x optical, f=3.4mm (wide) to 122.4mm (tele), F1.6 to F4.5
Zoom Ratio	432x max. (36x optical, 12x digital)
VIDEO	
Picture Compression	H.264/MPEG4/MJPEG
Picture Resolution	4CIF, VGA, CIF, QVGA, QCIF NTSC: 720x480, 640x480, 352x240, 320x240, 176x144 PAL: 720x576, 640x480, 352x288, 352x288, 176x144
Streaming Frame Rate	1~30 FPS (NTSC), 1~25 FPS (PAL) adjustable
Focus Control	One Push/Auto/Manual
Iris Control	Auto/Manual
True Day/Night	Yes (Auto/Day/Night)
Auto Gain Control	Yes (Auto/Manual)
Backlight Comp.	Yes (Off/On)
Wide Dynamic Range	Yes (Off/On)
White Balance	Auto/Indoor/Outdoor
Motion Detection	Yes (4 zones)
Privacy Zone Masking	Yes (8 zones)
Video Output	1Vp-p/75ohm
AUDIO	
Audio Streaming	Two-way audio
Audio Connection	ADPCM (Pulse Code Modulation) U-Law
Audio Input/Output	External microphone input/line input/line level output
PAN/TILT CONTROL	
Auto Tracking	Tracking Mask, Pan/Tilt Limits, Manual Tracking
Horizontal Rotation Speed	0.01°/s ~ 360°/s (1~255 grade shift gears)
Manual Pan/Tilt Speed	Pan: 0.01° ~ 180°/s, Tilt: 0.01° ~ 180°/s
Position Accuracy	±0.1°
Horizontal Rotation Range	360° unlimited rotation
Tilt Rotation Range	180° pendulum motion
Auto Speed Control	Auto adjusted according to zoom length change
Auto Pan	2 points scanning (can be set freely)
Auto Pan Speed	1~255 grade available, 0.01°/s ~ 360°/s
Dwell Time (2 points)	1~99 second available at preset position
Preset Positions	192 positions
Running to Position Speed	1~255 grade available, 0.01°/s ~ 360°/s
Tour (Point per Group)	16 groups (16 preset positions)
Pattern	4 patterns with 90 seconds long each
NETWORK/INTERFACE	
Interface	10Base-T/100Base-TX auto negotiation, RJ-45 socket
Supported Protocols	HTTP, TCP/IP, FTP, SMTP, DHCP, DNS, DDNS, NTP
Bandwidth Control	Min. 64k Byte/second adjustable
Alarm	4 in, 2 out (triggered by intelligent event and external input)
GENERAL	
Power Source	24VAC
Power Consumption	30W max.
Operating Temperature	-40°C ~ + 50°C ≤ 95% / -40°F ~ + 122°F ≤ 95%
Safety	CE, FCC
Environmental Rating	Weather resistant IP66 rated
Dimensions (W x H)	180 x 280 mm / 7.1" x 11"
Weight	Approx. 3 kg / 6.62 lbs

EAN900

1.3 Megapixel Box Style Network Camera with Day/Night

PSIA | ONVIF

NeVio Series

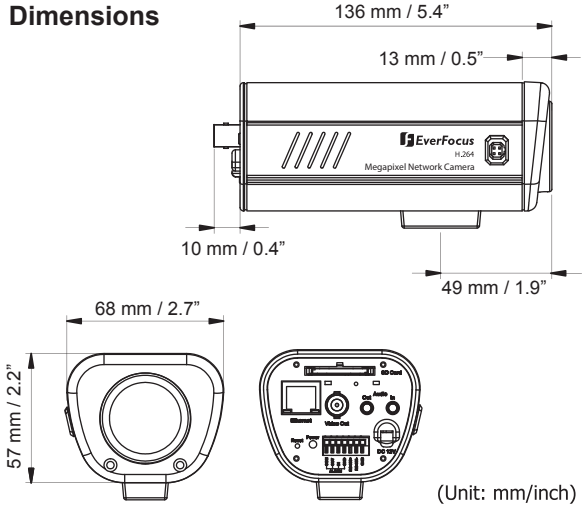
1.3 Megapixel | H.264/ MPEG4/ MJPEG | Smart Event Wizard | FTP/SMTP Client Support | Day/Night | POE | Web Viewer | Two-Way Audio | Motion Detection

RoHS | CE | FCC Federal Communication Commission U.S.A.

Features

- 1/3" Progressive Scan CMOS sensor with 1.3 megapixel
- H.264/MPEG4/MJPEG digtial signal output with 15 FPS at 1280x1024 image size
- H.264/MPEG4/MJPEG multi-stream output for simultaneous live monitoring and high resolution recording
- 12VDC & PoE dual power
- Power Over Ethernet (PoE) IEEE 802.3af
- Day/Night feature with ICR module
- Built-in NeVio Express setup management software for viewing and recording at up to 16 cameras w/pre-defined screen views and site address book
- BNC test monitor output for the convenience of quick focus and diagnostics right at the camera site
- Easy-to-use Smart Event Wizard for event, schedule and alarm recording to PC or SD card
- Alarm triggers when motion is detected
- Email notification or FTP video upload upon motion detection and/or alarm
- Built-in SD memory card slot for local storage and support SDHC
- Built-in digital motion detection feature
- PSIA & ONVIF compliant

Dimensions



Specifications

CAMERA	
Pickup Device	1/3" Progressive scan CMOS 1.3 Megapixel
Pixel Effective	1280 (H) x 1024 (V)
Sensitivity	0.5 Lux/F=1.2
Day/Night	Day/Night with ICR module
Lens	Optional C/CS mount, manual/DD control supported
Video Output	BNC socket, composite 1 V p-p / 75
VIDEO STREAMING	
Video Compression	H.264/MPEG-4/M-JPEG
Max. Video Resolution	1280x1024
Video Quality	8 levels adjustable
Frame Rate	Up to 15 FPS in 1280x1024
AUDIO	
Microphone	Built-in
Operation Mode	Two-way audio
NETWORK	
Interface	10Base-T/100Base-TX auto-negotiation, RJ-45 socket. Support MDI/MDI-X auto cross function
Supported Protocols	HTTP, TCP / IP, UDP, RTP, RTSP, FTP, SMTP, DHCP, DNS, DDNS, NTP
Bandwidth Control	Min. 64 kbps adjustable
Max. Client Limit	32 simultaneous clients
TERMINAL I/O	
Alarm Input/Output	1/1
RS-485	RS-485 interface half-duplex
EVENT MANAGEMENT	
Event Trigger	Alarm Input, Manual Trigger, Motion Detection and Schedule Recording
Notification	Trigger alarm output, email notification, upload video to FTP, record video to SD card, record video to PC and network alarm
Pre/Post Alarm Buffer	48MB RAM reserved for pre-alarm (record up to 120 sec.)
LOCAL STORAGE	
SD Card	SD card interface for local storage. Support SDHC
POWER	
Power Supply	12 VDC & PoE
Power Over Ethernet	Yes (PoE 802.3af 48VDC)
Power Consumption	4.5W max. (12VDC)
PHYSICAL	
Weight	550 g / 1.21 lbs
Dimensions (L x W x H)	136 x 68.5 x 56.5 mm / 5.35” x 2.72” x 2.22” 146 x 68.5 x 56.5 mm / 5.7” x 2.72” x 2.22” (w/BNC socket)
ENVIRONMENTAL	
Operating Temp.	0°C ~ 40°C / 32°F ~ 104°F
Humidity	< 90% not condensing

Ordering Information

- **EAN900:** 1.3 MP Box Style Network Camera with Day/Night, Lens sold separately

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

EAN3200 *NEW!*

2.0 Megapixel H.264 Day/Night Network Box Camera

nevio Series | PSIA | ONVIF

CE | FC | RoHS

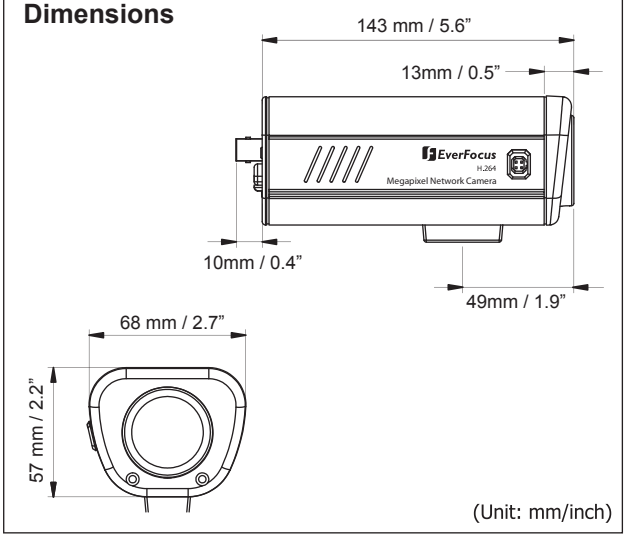
2.0 Megapixel | H.264/MJPEG | 1080 | Day/Night

POE | Web Viewer | Two-Way Audio | Motion Detection | FTP/SMTP Client Support

Features

- 2.0 megapixel CMOS image sensor with full 1080p (1920x1080) resolution
- H.264 encoding/decoding at real-time HD resolution at up to 1080p at 25 FPS
- High performance noise reduction
- Supports digital video stabilization function
- Day/Night feature with auto switch IR cut filter
- Video encoder includes line driver for PAL TV signal
- Dual codec for H.264 and MJPEG
- Motion detection with 3 zones
- Bi-directional audio function
- Integrated player for playback of SD card recordings
- Local storage through built-in SDHC slot for optional SDHC card
- ONVIF & PSIA compliant
- Power supply included
- 12VDC & PoE

Dimensions



(Unit: mm/inch)

Specifications

Sensor Type	2.0 Megapixel
Pickup Device	10 mm (1/2.5") Progressive Scan CMOS
Effective Pixels	1920x1080
Sensitivity	0.4 Lux/F=1.2
Day/Night	Yes, with auto IR cut filter
Electronic Shutter	Automatic/Manual
Lens	CS-Mount/C-Mount, DC Drive, Backfocus Adjustment (Lens sold separately)
Video Output	1 Vp-p Composite BNC (test video output), switchable between video out and IP streaming
Video Compression	H.264/MJPEG
Independent Streams	2
Video Frame Rate	Single Stream: 25 FPS at 1080p Dual Stream: up to 2x 25 FPS at lower resolutions
Video Resolution	1920x1080 max. (1080p)
Compression Setting	CBR (Constant Bit Rate): 14 steps VBR (Variable Bit Rate): 7 steps
Audio In/Out	1 in/1 out
Audio Operation Mode	Bidirectional, Half-Duplex
Network Interface	10 Base-T/100 Base-TX auto negotiation, RJ-45 socket, supports MDI/MDI-X auto crossover function
Supported Protocols	HTTP/TCP/IP/UDP/RTP/RTSP/FTP/SMTP/DHCP/DNS/DDNS/NTP/UPnP
Alarm In/Out	1 in/1 out
Motion Detection	3 adjustable motion areas
Event Trigger	Alarm Input, Manual Trigger, Motion Detection
Event Reaction	Trigger alarm output, send email notification, upload video to FTP, record video to SD card, send HTTP notification and network alarm
Local Storage	SD card interface for optional SD card, supports SDHC host specification
Power Source	12DVC (230VAC via included power supply) or PoE 802.3af
Power Consumption	5W max.
Dimensions (L x W x H)	143 x 68 x 57 mm / 5.6" x 2.7" x 2.2" (w/out socket lens)
Weight	550 g / 1.2 lbs
Temperature	0°C ~ 40°C / 32°F ~ 104°
Humidity	20% ~ 80%

Ordering Information**

- **EAN3200:** 2.0 Megapixel H.264 Day/Night Network Box Camera

*** Check with your EverFocus sales rep for release date and availability*

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

NEW! EHN3240

2.0 Megapixel H.264 Day/Night Network Outdoor Vandal Dome Camera

PSIA | ONVIF

nevio Series

2.0 Megapixel | H.264/MJPEG | 1080 | Day/Night | Vandal Resistant | IP66 Weather Resistant | Outdoor

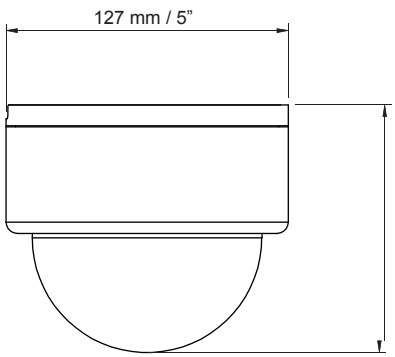
POE | Web Viewer | Two-Way Audio | Motion Detection | FTP/SMTP Client Support

CE | FCC | RoHS

Features

- 2.0 megapixel CMOS image sensor with full 1080p (1920x1080) resolution
- H.264 encoding/decoding at real-time HD resolution at up to 1080p at 25 FPS
- High performance noise reduction
- Supports digital video stabilization function
- Day/Night feature with auto switch IR cut filter
- Video encoder includes line driver for PAL TV signal
- Dual codec for H.264 and MJPEG
- Integrated vari-focal lens
- Motion detection with 3 zones
- Bi-directional audio function
- Integrated player for playback of SD card recordings
- Local storage through built-in SDHC slot for optional SDHC card
- ONVIF & PSIA compliant
- 12VDC or PoE power support
- Vandal & weather resistant (IP66 rated)

Dimensions



(Unit: mm/inch)

Specifications

Sensor Type	2.0 Megapixel
Pickup Device	10 mm (1/2.5") Progressive Scan CMOS
Effective Pixels	1920x1080
Sensitivity	0.4 Lux/F=1.2
Day/Night	Yes, with auto IR cut filter
Electronic Shutter	Automatic/Manual
Lens	2.8~10mm/F=1.2 DC vari-focal lens
Video Output	1 Vp-p Composite BNC (test video output), switchable between video out and IP streaming
Video Compression	H.264/MJPEG
Independent Streams	2
Video Frame Rate	Single Stream: 25 FPS at 1080p Dual Stream: up to 2x 25 FPS at lower resolutions
Video Resolution	1920x1080 max. (1080p)
Compression Setting	CBR (Constant Bit Rate): 14 steps VBR (Variable Bit Rate): 7 steps
Audio In/Out	1 in/1 out
Audio Operation Mode	Bi-directional, Half-Duplex
Network Interface	10 Base-T/100 Base-TX auto negotiation, RJ-45 socket, supports MDI/MDI-X auto crossover function
Supported Protocols	HTTP/TCP/IP/UDP/RTP/RTSP/FTP/SMTP/DHCP/DNS/DDNS/NTP/UPnP
Alarm In/Out	1 in/1 out
Motion Detection	3 adjustable motion areas
Event Trigger	Alarm Input, Manual Trigger, Motion Detection
Event Reaction	Trigger alarm output, send email notification, upload video to FTP, record video to SD card, send HTTP notification and network alarm
Local Storage	SD card interface for optional SD card, supports SDHC host specification
Power Source	12DVC (230VAC via included power supply) or PoE 802.3af
Power Over Ethernet	PoE 802.3af 48V DC
Power Consumption	5W max.
Dimensions (W x H)	127 x 112.8 mm / 5" x 4.4"
Weight	740 g / 1.6 lbs
Weather Resistant	Yes, IP66 rated
Temperature	-10°C ~ 50°C / 14°F ~ 122°
Humidity	20% ~ 80%

Ordering Information**

- **EHN3240:** 2.0 Megapixel H.264 Day/Night Network Outdoor Vandal Dome Camera

*** Check with your EverFocus sales rep for release date and availability*

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

EDN3240 *NEW!*

2.0 Megapixel H.264 Day/Night Network Indoor IR Dome Camera

nevio Series

PSIA | ONVIF

RoHS

2.0 Megapixel | H.264/ MJPEG | 1080 | Day/Night

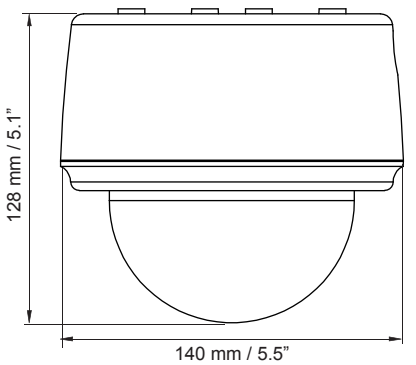
CE | FC FEDERAL COMMUNICATION COMMISSION U.S.A.

Web Viewer | Two-Way Audio | Motion Detection | FTP/SMTP Client Support

Features

- 2.0 megapixel CMOS image sensor with full 1080p (1920x1080) resolution
- H.264 encoding/decoding at real-time HD resolution at up to 1080p at 25 FPS
- High performing Noise Reduction function
- Supports digital video stabilization function
- Day/Night feature with auto switch IR cut filter
- IR distance up to 20 meters/66 feet
- Video encoder includes line driver for PAL TV signal
- Dual codec for H.264 and MJPEG
- Integrated vari-focal 2.8-10mm lens
- Motion detection with 3 zones
- Bi-directional audio function
- Integrated player for playback of SD card recordings
- Local storage through built-in SDHC slot for optional SDHC card
- ONVIF & PSIA compliant

Dimensions



(Unit: mm/inch)

Specifications

Sensor Type	2.0 Megapixel
Pickup Device	10 mm (1/2.5") Progressive Scan CMOS
Effective Pixels	1920x1080
Sensitivity	0.4 Lux/F=1.2 (IR LED Off)0 Lux (IR LED On)
Day/Night	Yes, with auto IR cut filter
Electronic Shutter	Automatic/Manual
Lens	2.8-10mm/F=1.2 DC vari-focal lens
Video Output	1 Vp-p Composite BNC (test video output), switchable between video out and IP streaming
IR Distance	Up to 20 meters / 66 feet
IR Wavelength	850 nm
Video Compression	H.264/MJPEG
Independent Streams	2
Video Frame Rate	Single Stream: 25 FPS at 1080p Dual Stream: up to 2x 25 FPS at lower resolutions
Video Resolution	1920x1080 max. (1080p)
Compression Setting	CBR (Constant Bit Rate): 14 steps VBR (Variable Bit Rate): 7 steps
Audio In/Out	1 in/1 out
Audio Operation Mode	Bi-directional, Half-Duplex
Network Interface	10 Base-T/100 Base-TX auto negotiation, RJ-45 socket, supports MDI/MDI-X auto crossover function
Supported Protocols	HTTP/TCP/IP/UDP/RTP/RTSP/FTP/SMTP/DHCP/DNS/ DDNS/NTP/UPnP
Alarm In/Out	2 in/1 out
Motion Detection	3 adjustable motion areas
Event Trigger	Alarm Input, Manual Trigger, Motion Detection
Event Reaction	Trigger alarm output, send email notification, upload video to FTP, record video to SD card, send HTTP notification and network alarm
Local Storage	SD card interface for optional SD card, supports SDHC host specification
Power Source	12DVC (230VAC via included power supply)
Power Consumption	6W max.
Dimensions (W x H)	140 x 128 mm / 5.5" x 5.1" (surface mount) 140 x 68 mm / 5.5" x 2.7" (flush mount)
Weight	660 g / 1.5 lbs
Temperature	0°C ~ 40°C / 32°F ~ 104°
Humidity	20% ~ 80%

Ordering Information**

*** Check with your EverFocus sales rep for release date and availability*

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

nevio Series

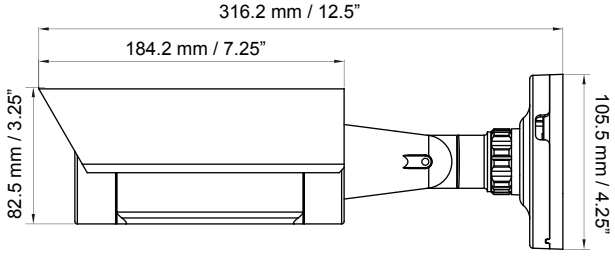
NEW! EZN3240

2.0 Megapixel H.264 Day/Night Network Outdoor IR Bullet Camera

Features

- 2.0 megapixel CMOS image sensor with full 1080p (1920x1080) resolution
- H.264 encoding/decoding at real-time HD resolution at up to 1080p at 25 FPS
- High performing Noise Reduction function
- Supports digital video stabilization function
- Day/Night feature with auto switch IR cut filter
- IR distance up to 20 meters/66 feet
- Video encoder includes line driver for PAL TV signal
- Flexible mounting and positioning – speedy-mount plate fits 4" electrical box, or remove base to mate with 1" conduit
- EZ Lock ring at the base is designed with easy to grip tabs to reliably hold the camera in place, plus a set screw for added security
- Dual codec for H.264 and MJPEG
- Motorized 2.8~10mm vari-focal lens
- Motion detection with 3 zones
- Bi-directional audio function
- Integrated player for playback of SD card recordings
- Local storage through built-in SDHC slot for optional SDHC card
- ONVIF & PSIA compliant
- Weather resistant (IP66 rated) to endure all weather conditions

Dimensions



(Unit: mm/inch)

Specifications

Sensor Type	2.0 Megapixel
Pickup Device	10 mm (1/2.5") Progressive Scan CMOS
Effective Pixels	1920x1080
Sensitivity	0.4 Lux/F=1.2 (IR LED Off)0 Lux (IR LED On)
Day/Night	Yes, with auto IR cut filter
Electronic Shutter	Automatic/Manual
Lens	Motorized 2.8-10mm/F=1.2 DC vari-focal lens
Video Output	1 Vp-p Composite BNC (test video output), switchable between video out and IP streaming
IR Distance	Up to 20 meters / 66 feet
IR Wavelength	850 nm
Video Compression	H.264/MJPEG
Independent Streams	2
Video Frame Rate	Single Stream: 25 FPS at 1080p Dual Stream: up to 2x 25 FPS at lower resolutions
Video Resolution	1920x1080 max. (1080p)
Compression Setting	CBR (Constant Bit Rate): 14 steps VBR (Variable Bit Rate): 7 steps
Audio In/Out	1 in/1 out
Audio Operation Mode	Bi-directional, Half-Duplex
Network Interface	10 Base-T/100 Base-TX auto negotiation, RJ-45 socket, supports MDI/MDI-X auto crossover function
Supported Protocols	HTTP/TCP/IP/UDP/RTP/RTSP/FTP/SMTP/DHCP/DNS/DDNS/NTP/UPnP
Alarm In/Out	1 in/1 out
Motion Detection	3 adjustable motion areas
Event Trigger	Alarm Input, Manual Trigger, Motion Detection
Event Reaction	Trigger alarm output, send email notification, upload video to FTP, record video to SD card, send HTTP notification and network alarm
Local Storage	SD card interface for optional SD card, supports SDHC host specification
Power Source	12DVC (230VAC via included power supply)
Power Consumption	12W max. (IR LED On)
Dimensions (L x W x H)	316.2 x 105.5 x 82.5 mm / 12.49" x 4.25" x 3.24" (with sunshield)
Weight	1.15 kg / 2.5 lbs
Temperature	-40°C ~ 50°C / -40°F ~ 122°F
Humidity	20% ~ 80%

Ordering Information**

*** Check with your EverFocus sales rep for release date and availability*

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

EVS200A/AW

2 Channel H.264 Video Encoder

nevio Series

PSIA | ONVIF

H.264/ MPEG4/ MJPEG | PTZ Control | POE | Web Viewer

Web Viewer | Smart Event Wizard | FTP/SMTP Client Support | Two-Way Audio

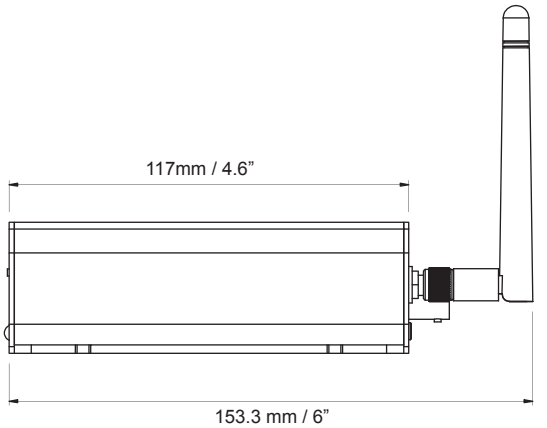
Features

- High quality H.264/MPEG-4 and MJPEG multi-stream output at 4CIF resolution at 60 FPS
- Supports H.264/MPEG4/MJPEG triple stream (per channel) for simultaneous live monitoring and high resolution recording
- Smart Wizard setting for varies Event and Schedule recording
- Supports PTZ control
- Built-in SD memory card slot for local storage
- Supports SD high capacity (SDHC)
- Two-way Audio
- 12VDC & PoE dual power
- Space saving with compact size design
- Wireless option available (EVS200AW only)

Specifications

VIDEO STREAMING	
Video Compression	H.264/MPEG-4/M-JPEG
Video Resolution	4CIF, VGA, CIF, QVGA, QCIF
Video Quality	8 levels adjustable
Frame Rate	Up to 30 FPS
Video Source	2 BNC composite, 1 V p-p / 75Ohm, NTSC/PAL (auto detection)
AUDIO	
Compression Method	IMA ADPCM (Pulse Code Modulation)
Operation Mode	2 way audio
NETWORK	
Interface	10Base-T/100Base-TX auto-negotiation, RJ-45 socket. Supports MDI/MDI-X auto crossover function.
Supported Protocols	HTTP, TCP / IP, UDP, RTP, RTSP, FTP, SMTP, DHCP, DNS, DDNS, NTP
Bandwidth Control	Min. 64 kbps adjustable
Max. Client Limit	32 simultaneous clients
WIRELESS (EVS200AW)	
Standard	IEEE 802.11b/g
Antenna Gain	2 dBi
TERMINAL I/O	
Alarm Input/Output	2/2
Serial Connector	RS485
EVENT MANAGEMENT	
Event Triggered	Alarm Input, Manual Trigger, Motion Detection and Schedule Recording
Notification	Trigger alarm output, Send mail notification, Upload video to FTP, Record video to SD card, Record video to PC and Network alarm
Pre/Post Alarm Buffer	48MB RAM reserved for pre-alarm (record up to 120 sec.)
LOCAL STORAGE	
SD Card	SD card interface for local storage. Supports SDHC.
POWER	
Power Supply	12 VDC & PoE
Power over Ethernet	Yes (PoE 802.3af)
Power Consumption	4.5W max. (12VDC)
PHYSICAL	
Dimensions (L x W x H)	117 x 80 x 40 mm / 4.6" x 3.15" x 1.57" (EVS200A) 153.3 x 80 x 102 mm / 6" x 3.15" x 4.02" (EVS200AW)
Weight	0.3 kg / 0.6 lbs (EVS200A), 0.4 kg / 0.8 lbs (EVS200AW)

Dimensions



(Unit: mm/inch)

Ordering Information

- **EVS200:** 2 Ch. H.264 Video Encoder
- **EVS200AW:** 2Ch. H.264 Video Encoder with Wireless

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

NVR-4S/8S/16S/32S

4, 8, 16, 32 Channel Network Management Software License

PSIA | ONVIF

PDA/ SmartPhone | Web Live View Remote | Remote Control | H.264/ MPEG4/ MJPEG

Instant Event Response | PTZ Control | Open Architecture | GUI Graphical User Interface

Features

- Supports EverFocus NeVio series IP cameras, megapixel cameras, 3rd party video encorders/IP cameras and more
- Accepts MPEG4/MJPEG/H.264 video formats
- Remote PTZ operation supports PTZ reaction presets
- Multiple monitor display with up to 64 cameras in Live View and up to 16 cameras in Playback view
- Local view with 1 or (optional) 2 monitors for Live View plus (optional) 1 monitor dedicated for simultaneous Playback View
- Up to 8 users (128 cameras) for Live View and up to 4 users (16 cameras) for Playback simultaneously
- Remote Live View with 1 or (optional) 2 monitors (or 1 monitor for Playback View only)
- Smart detection of many types of camera, input, POS and system events, with 10 potential instant alarm responses (e.g, email alert & E-map popup)
- Complete I/O device integration
- Intelligent playback system with 5 video analytic searches
- Remote client live viewer, playback, backup, I/O control and remote desktop operation
- Joystick support on PTZ cameras and software enabled digital PTZ function are both available. Preset points and patrol functions are also available on many camera models
- User friendly graphical user interface (GUI) with camera drag and drop for setup and recording, familiar to all users with basic PC knowledge
- Audio and video recording synchronization
- Watermark capability
- Resource Management tool can monitor system resources and trigger instant alarm notifications
- DDNS functionality
- 3GPP/PDA/Mobile Handy Viewer support
- Remote I/O control
- Video enhancement tools to fine tune the image's visibility, sharpness, brightness, contrast or even grayscale
- Export to AVI or ASF file format
- Take a snapshot of the recording in BMP or JPEG format to print or file
- Back up video images to USB drives, CD/DVD or HDD
- Schedule recording can be set by day, week or repeating interval
- Intelligent Search (general motion, missing object, foreign object, camera occlusion and signal lost)
- Counting application with direction for certain objects or areas
- Unusual events are recorded to the system log, and counting application results can be exported to an Excel or text file for analysis

* Models vary in different countries. Visit **www.everfocus.com** and select your country for accurate ordering information

Specifications

IP Camera Input(s)*	Up to 64 (depending on licenses purchased) *Models vary. Contact EverFocus for exact list of supported models
IP Cameras Supported	EverFocus NeVio and other IP cameras in addition to 3rd party video encoders and IP cameras
Digital PTZ	Supported in live view and playback
Multiple View	Zoom function preserves live view by duplicating the same video feed onto multiple channels in different areas
Triple Monitor	Up to 64 live camera views each on two monitors in addition to displaying playback video on a separate monitor
Audio Recording	Synchronized with video on each channel
Screen Layout	Single, 6, 10 & 13 plus NxN up to 64 cameras (16 on playback)
Compression Format	MPEG4/M-JPEG/H.264 supported
Recording Type	Continuous, digital input trigger, on motion detection, on event manual and per schedule
Playback Channels	Up to 16 channels max. displayed
Playback Control	Forward/reverse step and play fast (to 16x) and slow (to 1/16x)
Auto Overwrite	Oldest recordings recycled when disk is full
Additional I/O Functions	Optional expansion module
POS Input	Optional POS interface serial data to Ethernet
Hardware Watchdog	N/A
Supported Languages	Chinese (Simplified & Traditional), Czech, Danish, English, Farsi, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Portuguese (Brazil), Portuguese (Portugal), Russian, Slovak, Spanish

SYSTEM REQUIREMENTS

Total FPS at CIF	1200~600	600~480	480~240	240~120	120~
CPU	Intel Core 2 Quad Q6600	Intel Core 2 Duo E6400	Intel Pentium D930	Intel P4 2.8 GHz	Intel P4 2.8 GHz
RAM	2 GB	1 GB	1 GB	512 MB	512 MB
Motherboard	Intel 945, 965 chip or above, Intel Chipset and ASUS vendor recommended				
Display	Ati Radeon 9200, nVIDIA GeForce FX-5200, Intel 945G/965G or above (ATi recommended)				
Ethernet	100 baseT or above, Gigabit LAN recommended				
Hard Disk	80 GB or above				
OS	MS Windows 2000/XP Pro SP2/2003				

Ordering Information

- **NVR-4S:** 4 channel NVR Software dongle*
- **NVR-8S:** 8 channel NVR Software dongle*
- **NVR-16S:** 16 channel NVR Software dongle*
- **NVR-32S:** 32 channel NVR Software dongle*

**Mix and match dongles for up to 64 channels*

ENVS800/1600/3200

8, 16 or 32 Channel Network Video Recorder & Server

PSIA | ONVIF

PDA/ SmartPhone | Web Live View Remote | Remote Control | H.264/ MPEG4/ MJPEG

Instant Event Response | PTZ Control | Open Architecture | GUI Graphical User Interface

Features

- Up to 32 channel or more video management from megapixel cameras, IP cameras and video servers
- Accepts MPEG4/MJPEG/H.264 video format
- Remote PTZ operation supports PTZ reaction presets
- Multiple monitor display with 36 cameras in Live View and 36 cameras in Playback View
- Local view with 1 or (optional) 2 monitors for Live View plus (optional) 1 monitor dedicated for simultaneous Playback View
- Remote Live View with 1 or (optional) 2 monitors (or 1 monitor for Playback View only)
- Smart detection on many types of camera, input, POS and system events, with 10 potential instant alarm responses (e.g. email alert & E-map pop-up)
- Complete I/O device integration
- Intelligent playback system with 5 video analytic searches
- Remote client live viewer, playback, backup, I/O control and remote desktop operation
- Joystick support on PTZ cameras (with optional EKB200) and software enabled digital PTZ function are both available. Preset points and patrol functions are also available on many camera models
- User friendly Graphical User Interface (GUI) with camera 'drag and drop' for setup and recording, familiar to all users with basic PC knowledge
- Audio and video recording synchronization
- Watermark capability
- Resource Management tool can monitor system resources and trigger instant alarm notifications
- DDNS functionality
- 3GPP/PDA/Mobile Handy Viewer support
- Remote I/O control
- Video enhancement tools to fine tune the image's visibility, sharpness, brightness, contrast or even grayscale
- Export to AVI or ASF file format
- Take snapshots from recording in BMP or JPEG format to print or save file
- Back-up video images to USB drives, CD/DVD or HDD
- Schedule recording can be set by day, week or repeating interval
- Intelligent Search (general motion, missing object, foreign object, camera occlusion and signal lost)
- Counting application with direction for certain objects or areas
- Unusual events are recorded to the system log, and counting application result can be exported to an Excel or text file for analysis

Ordering Information

- **ENVS800/2TB:** 8 Ch NVR with 2TB of storage
- **ENVS800/4TB:** 8 Ch NVR with 4TB of storage
- **ENVS1600/2TB:** 16 Ch NVR with 2TB of storage
- **ENVS1600/4TB:** 16 Ch NVR with 4TB of storage
- **ENVS3200/4TB:** 32 Ch NVR with 4TB of storage

Specifications

Model No.	ENVS800	ENVS1600	ENVS3200
IP Video Channel	8	16	32
Recording/Playback Rate	Up to 30 FPS per channel		
Total Recording Rate	Up to 960 FPS		
View Mode	1/4/6/9/10/13/16/25/36		
Recording Resolution	Up to 1280x1024		
Compression Supported	H.264/MJPEG/MPEG4		
Audio	Bi-directional transmission, 1 audio channel per video channel (depending on specification of IP device)		
Video Storage (excludes O/S and system software on HDD 1)	2TB	2TB	4TB
Internal HDD	Up to three 3.5" HDD SATA (1 system drive, 2 recording drives)		
Video Export	USB 2.0 interface or to network drive		
Network Interface	1 Gbit/s, RJ45, IEEE 802.3		
Other Interface	Six USB 2.0, PS2 keyboard/mouse. Optional EKB200 Joystick		
Alarm I/O	Support of I/O contacts of connected IP devices (depending on specification of IP device)		
Monitor Output	1x VGA out, 1x DVI out, 1x HDMI out. Triple monitor support: up to two independent monitors for Live view; third monitor for dedicated Playback view; or, if less than 3 monitors, Playback screen can launch on same monitor as Live View screen		
E-Map	Unlimited number of maps or other graphics with free placement of camera or I/O icons		
Bandwidth Monitor	Optional OSD display of individual network bandwidth per camera and total streaming bandwidth		
Database Management	Integrated database management tool for reconstructing, repairing or relocating database and export option for configuration file		
Video Analytics	General motion, missing object, camera occlusion, foreign object, loss of focus, signal lost; each alarm can trigger up to 10 different event reactions		
PTZ	PTZ control in OSD or with EKB200 for PTZ cameras. Digital software PTZ for all cameras		
Recording Method	Continuous, schedule, event (motion, contact)		
Schedule	Individual for each camera, daily schedule with 6 possible recording modes		
Recording Rate	1~30 FPS adjustable for each camera (depending on camera capabilities)		
Multi-Channel Playback	Up to 16 channels time synchronized		
Search Function	Time/date via calendar and time bar. Intelligent search with modes: general motion, missing object, camera occlusion, foreign object, signal lost		
Video Enhancement	Saturation, contrast, brightness, sharpness		
Video Export	Snapshot in JPEG format, video export in AVI or ASF format		
Video Backup	Backup of multiple camera video data to local/network video drive or external CD/DVD		
Remote Video Access Method	• Remote client software live view (up to 2 windows/monitors with up to 16 x view each at 1 PC) • Remote client software playback view (up to 16 x view) with remote backup function (multiple channel backup up to 16 channels) • Web browser view (live / playback with up to 16 x view) • Mobile phone client ("3G"/RTSP - streaming support required) • No limit for number of installations for all remote applications		
Remote Video Ch. Access	128 video channels total (max)		
Remote Maintenance	Remote desktop viewer allows complete network access to ENVS server (1 monitor display only supported) including configuration		
Power	115/230 (switchable) VAC, 300 VA max.		
Ambient Temp.	0°C ~ +40°C / 32°F ~ 104°F		
Housing	Low profile PC type		
Dimensions (L x W x H)	414 x 328.6 x 85.73 mm / 16.3" x 12.9" x 3.4"		
Weight	6.8 kg / 15 lbs		